



Dist-County-Route: 03-Yub-65  
Post Mile Limits: 2.9/R4.7  
Project Type: Maintenance  
Project ID (EA): XXXXXX  
Program Identification: 20.80.010.010  
Phase: ☐ PID ☐ PA/ED ☒ PS&E

Regional Water Quality Control Board(s): Central Valley

1. Does the project disturb 5 or more acres of soil? Yes ☐ No ☒
2. Does the project disturb more than 1 acre of soil and not qualify for the Rainfall Erosivity Waiver? Yes ☐ No ☒
3. Is the project required to implement Treatment BMPs? Yes ☐ No ☒
4. Does the project impact existing Treatment BMPs? Yes ☐ No ☒

**If the answer to any of the preceding questions is "Yes", prepare a Long Form – Stormwater Data Report.** Unless otherwise agreed upon by the District/Regional Design Stormwater Coordinator.

Total Disturbed Soil Area: 0.0 New Impervious Surface: 0.0  
Estimated Const. Start Date: 9/1/17 Estimated Const. Completion Date: 10/31/17  
Risk Level: RL 1 ☐ RL 2 ☐ RL 3 ☐ Not Applicable ☒

***This Short Form – Storm Water Data Report has been prepared under the direction of the following Licensed Person. The Licensed Person attests to the technical information contained herein and the data upon which recommendations, conclusions, and decisions are based. Professional Engineer or Landscape Architect stamp required at PS&E.***



Betsy Ross 10/08/16  
Betsy Ross, Registered Project Engineer/Landscape Architect Date  
***I have reviewed the stormwater quality design issues and find this report to be complete, current and accurate:***

Friedrich Wilhelm von Steuben 10/08/16  
Friedrich Wilhelm von Steuben, District/Regional Design SW Date  
Coordinator or Designee

## 1. Project Description

This is a fully funded HM-1 Maintenance project located on State Route 65 (SR65) near Wheatland in Yuba County. This job is estimated to begin construction in 2017. The limits are from PM 2.9 to R4.7. The approximate limits are from just north of Dairy Road to approximately 0.5 miles north of Rancho Road.

The existing road surface has deteriorated significantly. This project will replace asphalt concrete within the traveled way in order to preserve the structural section.

The work shall consist of the following activities:

- Perform digouts to repair failed pavement areas
- Cold plane to a maximum depth of 0.25 feet of the existing mainline asphalt surface
- Replace with hot mix asphalt
- Replace shoulder backing as required to match new pavement edge
- Replace existing striping and markings in kind
- Replace center line rumble strip and striping in kind

This project is defined as routine maintenance is therefore exempt from Order No. 2009-0009-DWQ, CGP as noted in "Paragraph C. Activities Not Covered under the General Permit, 24. Routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of the facility".

The disturbed soil area for this routine maintenance project was not determined.

This project does not anticipate the need for any equipment/staging areas. None of the work is anticipated to take place within any railroad right-of-way (R/W) or on bridge structures, and no permits are required.

This project is located within the Yuba County Municipal Separate Storm Sewer System (MS4) permit area.

## 2. Site Data and Stormwater Quality Design Issues

Receiving water bodies for this project are in the undefined HSA (515.10). None these are on the 2012 Clean Water Act 303(d) List of Water Quality Limited Segments or has a specified total maximum daily load.

A 401 Water Quality Certification is not required.

## 3. Construction Site BMPs

This project is exempt from the Construction General Permit and associated risk assessment.

The only potential project pollutants are asphalt concrete (AC) grindings, striping paint, and other miscellaneous non-stormwater pollutants the contractor may be using on site.

Measures to avoid and reduce potential impacts from the work area will be specified in the Water Pollution Control Program (WPCP) developed by the contractor and submitted to Caltrans for approval prior to work.

No erosion control is required, and the Job Site Management and Additional Water Pollution Control items are anticipated to cover the cost of all Construction Site Best Management Practices (BMPs). The contractor shall be responsible for the disposal of wastes in accordance with Section 13 of the State Standard Specifications.

Presently, this project will not require any equipment/staging areas. However, if the contractor requires such areas, the Caltrans 2015 Standard Specifications, Section 5-1.32, indicates that the contractor may arrange for temporary storage with the Department.

The Construction Site BMPs (PPDG F.3.2) are included in the Construction BMP Estimate below.

**Construction BMP Estimate (for Caltrans use only) (at PS&E only)**

SS/SSP	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE <sup>1</sup>	AMOUNT <sup>1</sup>
13-3	130300	Prepare SWPPP	LS	1	\$0	\$0
13-2	130200	Prepare WPCP	LS	1	\$1,100	\$1,100
13-3.01	130310	Rain Event Action Plan (REAP)	EA	0	\$500	\$0
13-3.01	130330	Stormwater Annual Report	EA	0	\$2,000	\$0
13-3.01	130320	Stormwater Sampling and Analysis Day	EA	0	\$0	\$0
13-4	130100	Job Site Management	LS	1	\$6,000	\$6,000
<b>Tracking Controls</b>						
13-7.03D	130730	Street Sweeping	LS	0	\$0	\$0
13-7.01	130710	Temporary Construction Entrance/Exit	EA	0	\$0	\$0
<b>Sediment Control/Perimeter Control</b>						
13-6.03E	130640	Temporary Fiber Roll (6")	FT	0	\$0	\$0
13-6.03G	130660	Temporary Large Sediment Barrier (18-22" Fiber Roll)	FT	0	\$0	\$0
13-6.03I	130680	Temporary Silt Fence	FT	0	\$0	\$0
13-6.03H	130670	Temporary Reinforced Silt Fence	FT	0	\$0	\$0
13-6.03B	130610	Temporary Check Dam	LF	0	\$0	\$0
13-6.03F	130650	Temporary Gravel Bag Berm	LF	0	\$0	\$0
13-6.03C	130620	Temporary Drainage Inlet Protection	EA	0	\$0	\$0
<b>Non-Stormwater</b>						
13-9.01	130900	Temporary Concrete Washout - Portable	LS	0	1,125	\$0
<b>Temporary Soil Stabilization</b>						
13-5.01	130505	Move-in/Move-out (Temporary Erosion Control)	EA	0	\$0	\$0
13-5.03E	130530	Temporary Hydraulic Mulch (Bonded Fiber Matrix)	SQ YDS	0	\$0	\$0
		Temporary Hydraulic Mulch (Mechanically Stabilized Fiber Matrix)	SQ YDS	0	\$0	\$0
13-5.03D	130520	Temporary Hydraulic Mulch	SQ YDS	0	\$0	\$0
13-5.03H	130540	Temporary Tacked Straw	SQ YDS	0	\$0	\$0
13-5.03J	130560	Temporary Soil Binder	SQ YDS	0	\$0	\$0
13-5.03C	130510	Temporary Mulch	SQ YDS	0	\$0	\$0
13-5.03B	130500	Temporary Erosion Control Blanket	SQ YDS	0	\$0	\$0
13-502.F	130570	Temporary Cover	SQ YDS	0	\$0	\$0
<b>Supplemental Items</b>						
	066596	Additional Water Pollution Control	LS	1	\$1,100	\$1,100
	066595	Water Pollution Control Maintenance Sharing	LS	0	\$0	\$0
	066597	Stormwater Sampling and Analysis	LS	1	\$0	\$0
	066916	Construction General Permit Fees	LS	1	\$0	\$0
					<b>Total =</b>	<b>\$8,200</b>

Concurrence to use the attached items was obtained during a meeting with William Alexander, the Caltrans Construction Storm Water Coordinator, on September 30, 2016. Mr. Alexander gave verbal concurrence to the project engineer and project manager, and this is documented in the meeting minutes.

### Required Attachments<sup>1</sup>

- Vicinity Map
- Evaluation Documentation Form
- SWDR Summary Spreadsheets

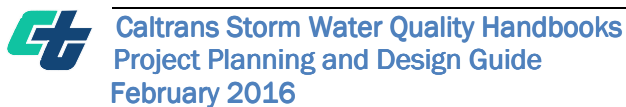
### Supplemental Attachments

- Construction Site BMP Consideration Form
- Checklist CS-1, Parts 5 and 6

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<sup>1</sup> Additional attachments may be required as applicable or directed by the District/Regional Design Storm Water Coordinator (e.g., BMP line item estimate, SW, DPP, and CS Checklists).





## Evaluation Documentation Form

DATE: 10-08-16

Project ID (EA): XXXXXX

No.	Criteria	Yes ✓	No ✓	Supplemental Information for Evaluation
1.	Begin Project evaluation regarding requirement for implementation of Treatment BMPs	✓		See Figure 4-1, Project Evaluation Process for Consideration of Treatment BMPs. Continue to 2.
2.	Is the scope of the Project to install Treatment BMPs (e.g., Alternative Compliance or TMDL Compliance Units)?		✓	If <b>Yes</b> , go to 8. If <b>No</b> , continue to 3.
3.	Is there a direct or indirect discharge to surface waters?	✓		If <b>Yes</b> , continue to 4. If <b>No</b> , go to 9.
4.	As defined in the WQAR or ED, does the project: a. discharge to areas of Special Biological Significance (ASBS), or b. discharge to a TMDL watershed where Caltrans is named stakeholder, or c. have other pollution control requirements for surface waters within the project limits?		✓	If <b>Yes to any</b> , contact the District/Regional Design Stormwater Coordinator or District/Regional NPDES Coordinator to discuss the Department's obligations, go to 8 or 5.  _____ (Dist./Reg. Coordinator initials)  If <b>No</b> to all, continue to 5.
5.	Are any existing Treatment BMPs partially or completely removed? (ATA condition #1, Section 4.4.1)		✓	If <b>Yes</b> , go to 8 <b>AND</b> continue to 6.  If <b>No</b> , continue to 6.
6.	Is this a Routine Maintenance Project?	✓		If <b>Yes</b> , go to 9. If <b>No</b> , continue to 7.
7.	Does the project result in an increase of <u>one acre or more</u> of new impervious surface (NIS)?			If <b>Yes</b> , go to 8.  If <b>No</b> , go to 9.
8.	Project is required to implement Treatment BMPs.	Complete Checklist T-1, Part 1.		
9.	Project is not required to implement Treatment BMPs.  FWS (Dist./Reg. Design SW Coord. Initials) BR (Project Engineer Initials) 10/08/16 (Date)	Document for Project Files by completing this form and attaching it to the SWDR.		

See Figure 4-1, Project Evaluation Process for Consideration of Permanent Treatment BMPs



## SWDR Summary Spreadsheets

### SWDR

SWDR Signed Date	District	EA/Project ID	County	Route	Beg_PM	End_PM	Project Description	Project Phase	Long SWDR	Risk Level	DSA (ac)	TMDL Waterbody
10/8/2016	3	XXXXXX	YUB	65	2.90		Maintenance	PS&E	No	WPCP	0.0	No

Biofiltration Strips and Swales	Detention	Infiltration Devices	GSRD	TST	MedFilter	DPPIA	SA	Other BMP	Est. Const_Start	Est. Const_Comp	SW Comment
0	0	0	0	0	0	0	0	0	9/1/2017	10/31/2017	End_PM is R4.70

Post Const Treatment Area (ac)	Treated Impervious Area (ac)	Treated Impervious Area Balance (ac)	Treated Pervious Area (ac)	Stabilized Area (ac)	MWELo	RSA
0.00	0.00	0.00	0.00	0.00	No	No



## Construction Site BMP Consideration Form

DATE: 09/13/16

Project ID / EA: XXXXXX

### Project Evaluation Process for the Consideration of Construction Site BMPs

No.	Criteria	Yes ✓	No ✓	Supplemental Information
1.	Will construction of the project result in areas of disturbed soil as defined by the Project Planning and Design Guide (PPDG)?		✓	If Yes, Construction Site BMPs for Soil Stabilization (SS) will be required. Review CS-1, Part 1. Continue to 2. If No, Continue to 3.
2.	Is there a potential for disturbed soil areas within the project to discharge to storm drain inlets, drainage ditches, areas outside the RW, etc.?			If Yes, Construction Site BMPs for Sediment Control (SC) will be required. Review CS-1, Part 2. Continue to 3.
3.	Is there a potential for sediment or construction related materials and wastes to be tracked offsite and deposited on private or public paved roads by construction vehicles and equipment?		✓	If Yes, Construction Site BMPs for Tracking Control (TC) will be required. Review CS-1, Part 3. Continue to 4.
4.	Is there a potential for wind to transport soil and dust offsite during the period of construction?		✓	If Yes, Construction Site BMPs for Wind Erosion Control (WE) will be required. Review CS-1, Part 4. Continue to 5.
5.	Is dewatering anticipated or will construction activities occur within or adjacent to a live channel or stream?		✓	If Yes, Construction Site BMPs for Non-Stormwater Management (NS) will be required. Review CS-1, Part 5. Continue to 6.
6.	Will construction include saw-cutting, grinding, drilling, concrete or mortar mixing, hydro-demolition, blasting, sandblasting, painting, paving, or other activities that produce residues?	✓		If Yes, Construction Site BMPs for Non-Stormwater Management (NS) will be required. Review CS-1, Parts 5 & 6. Continue to 7.
7.	Are stockpiles of soil, construction related materials, and/or wastes anticipated?	✓		If Yes, Construction Site BMPs for Waste Management and Materials Pollution Control (WM) will be required. Review CS-1, Part 6. Continue to 8.
8.	Is there a potential for construction related materials and wastes to have direct contact with precipitation; stormwater run-on, or stormwater runoff; be dispersed by wind; be dumped and/or spilled into storm drain systems?	✓		If Yes, Construction Site BMPs for Waste Management and Materials Pollution Control (WM) will be required. Review CS-1, Part 6.



Checklist CS-1 - Parts 5 & 6 (Construction Site BMPs)

Non-Stormwater Management

<b>Construction Site BMPs</b>		
<b>Checklist CS-1, Part 5</b>		
Prepared by: <u>B. Ross</u>	Date: <u>September 2016</u>	District-Co-Route: <u>03-Sie-49</u>
PM : <u>35.0/47.4</u>	Project ID/EA: <u>XXXXXX</u>	RWQCB: <u>Central Valley</u>

Temporary Stream Crossing & Clear Water Diversion

1. Will construction activities occur within a water body or watercourse such as a lake, wetland, or stream? (Coordinate with District Construction for selection and preference for stream crossing and clear water diversion BMPs.) ☐ Yes ☒ No
- (a) Select from types offered in Temporary Stream Crossing to provide access through watercourses consistent with permits and agreements.<sup>2</sup> ☐ Complete
- (b) Select from types offered in Clear Water Diversion to divert watercourse consistent with permits and agreements.<sup>1</sup> ☐ Complete
- (c) Designate as a separate contract bid line item(s). ☐ Complete

Other Non-Stormwater Management BMPs

2. Are construction activities anticipated that will generate wastes or residues with the potential to discharge pollutants? ☒ Yes ☐ No
- (a) Identify potential pollutants associated with the anticipated construction activity and select the corresponding BMP such as NS-1 (Water Conservation Practices), NS-2 (Dewatering Operations), NS-3 (Paving and Grinding Operations), NS-7 (Potable Water/Irrigation), NS-8 (Vehicle and Equipment Cleaning), NS-9 (Vehicle and Equipment Fueling), NS-10 (Vehicle and Equipment Maintenance), NS-11 (Pile Driving Operations), NS-12 (Concrete Curing), NS-13 (Material and Equipment Use Over Water), NS-14 (Concrete Finishing), and NS-15 (Structure Demolition/Removal Over or Adjacent to Water).<sup>1</sup> ☒ Complete
- (b) Verify that costs for non-stormwater management BMPs are identified in the contract documents. Designate BMP as a separate contract bid line item if the requirements in Job Site Management *Standard Specifications* Section 13 are anticipated to be inadequate or if requested by Construction. ☒ Complete

<sup>2</sup> Coordinate with District Environmental for consistency with US Army Corps of Engineers 404 and 401 permits and Dept. of Fish and Game 1601 Streambed alteration Agreements.

## Construction Site BMPs

### Checklist CS-1, Part 6

Prepared by: B. Ross Date: September 2016 District-Co-Route: 03-Sie-49

PM : 35.0/47.4 Project ID/EA: XXXXXX RWQCB: Central Valley

#### **Waste Management & Materials Pollution Control**

##### Concrete Waste Management

1. Does the project include concrete placement or mortar mixing? ☒ Yes ☐ No
- (a) Select from types offered in Concrete Waste Management to provide concrete washout facilities. In addition, consider portable concrete washouts and vendor supplied concrete waste management services. (Coordinate with District Construction for selection and preference of waste management and materials pollution control BMPs.) ☒ Complete
- (b) Designate as a separate contract bid line item if the quantity of concrete waste and washout are anticipated to exceed 5.2 yd<sup>3</sup> or if requested by Construction. ☒ Complete

##### Other Waste Management and Materials Pollution Controls

2. Are construction activities anticipated that will generate wastes or residues with the potential to discharge pollutants? ☒ Yes ☐ No
- (a) Identify potential pollutants associated with the anticipated construction activity and select the corresponding BMP such as WM-1 (Material Delivery and Storage), WM-2 (Material Use), WM-4 (Spill Prevention and Control), WM-5 (Solid Waste Management), WM-6 (Hazardous Waste Management), WM-7 (Contaminated Soil Management), WM-9 (Sanitary/Septic Waste Management) and WM-10 (Liquid Waste Management) ☒ Complete
- (b) Verify that costs for waste management and materials pollution control BMPs are identified in the contract documents. Designate BMP as a separate contract bid line item if the requirements in Job Site Management *Standard Specifications* Section 13 are anticipated to be inadequate or if requested by Construction. ☒ Complete

##### Temporary Stockpiles (Soil, Materials, and Wastes)

3. Are stockpiles of soil, etc. anticipated during construction? ☒ Yes ☐ No
- (a) Verify that costs for stockpile management and associated sediment control and temporary soil stabilization BMPs for temporary stockpiles are identified in the contract documents. Designate as a separate contract bid line item if the requirements in Job Site Management *Standard Specifications* Section 13 are anticipated to be inadequate or if requested by Construction. ☒ Complete

